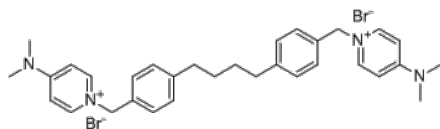


**Product Name** : MN58b  
**Cat. No.** : PC-60866  
**CAS No.** : 203192-01-2  
**Batch No.** : PC-6086601  
**Chemical Name** : 1,1'-((butane-1,4-diylbis(4,1-phenylene))bis(methylene))bis(4-(dimethylamino)pyridin-1-ium) bromide

## PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Weight** : 640.508  
**Molecular Formula** :  $C_{32}H_{40}Br_2N_4$   
**Storage** : Powder -20°C 12 Months  
 4°C 6 Months  
 In solvent -80°C 6 Months  
 -20°C 1 Month

**Chemical Structure** :



## ANALYTICAL DATA

**Appearance** : Solid powder  
**<sup>1</sup>H NMR Spectrum** : Consistent with  
**HPLC** : Consistent with  
**NP** : Consistent with  
**Purity (HPLC and/or LCMS)** : >98%  
**Conclusion** : The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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